

01-21-2004

FEET

To the Honorable Assistant Secretary and  
thereof.

102650619

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1. Name of conveying party(ies): 1-15-04  
 Mamoru NAKASUJI; Tohru SATAKE; Nobuharu NOJI;  
 Shoji YOSHIKAWA; and Takeshi MURAKAMI

Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies):

Name: EBARA CORPORATIONStreet Address: 11-1, Haneda Asahi-cho, Ohta-ku,  
Tokyo, Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other ☐

Execution Date: December 24, 2003

Additional name(s) &amp; address(es) attached? No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/651,105

B. Patent No.(s)  
 issued

Additional numbers attached? No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.  
 Attn: Michael S. Huppert, Esq.

Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). . . . . \$ 40.00

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 Authorized to be charged to deposit account

8. Deposit account number: 23-0975

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael S. Huppert, Reg. No. 40,268

Name of Person Signing

*Michael Huppert*  
 Signature

January 15, 2004

Date

Total number of pages including cover sheet: 3

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PATENT  
 REEL: 014886 FRAME: 0995

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)  
of Inventor(s) Mamoru NAKASULJI, Tohru SATAKE, Nobuharu NOJI, Shoji Yoshikawa  
and Takeshi MURAKAMI

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)  
of Assignee(s) EBARA CORPORATION  
Address of 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan  
(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of  
Invention ELECTRON BEAM SYSTEM  
or which an application for patent in the United States has been executed by the undersigned

Date of  
Signing on December 24, 2003  
of Application

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date December 24, 2003, Name of the Inventor Mamoru Nakasuji Mamoru NAKASUJI  
Date December 24, 2003, Name of the Inventor Tohru Satake Tohru SATAKE  
Date December 24, 2003, Name of the Inventor Nobuharu NOJI Nobuharu NOJI  
Date December 24, 2003, Name of the Inventor Shoji Yoshikawa Shoji YOSHIKAWA  
Date December 24, 2003, Name of the Inventor Takeshi MURAKAMI Takeshi MURAKAMI  
Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_  
Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Fumio Kondo Fumio KONDO, Dec. 24, 2003  
Witness Yoshihiko Naito Yoshihiko NAITO, Dec. 24, 2003

### ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 10/651,105 Filing Date August 29, 2003  
Applicant Reference Number ME:OH, FP/E-6-832US Atty Docket No. 2003-1217A  
Title of Invention \_\_\_\_\_